ABSTRACT

A plant transformation vector for transforming host plant cells with a chimeric selectable marker gene is disclosed. The gene includes, operatively linked in sequence in a 5' to 3' direction, (i) a DNA promoter sequence from the rice beta-glucanase 9 (gns9) gene; (ii) a selectable marker gene, and (iii) a 3' untranslated terminator region. Also disclosed are a vector pair containing the transformation vector, a method of obtaining transformed monocots whose seeds produce a selected heterologous protein during sed germination, and a plant whose cells are transformed with the chimeric selectable marker gene.